

NOTE: The acronyms and terms listed below are for general information and may not apply to the KDC-10 aerial refueling fuel system.

ACRONYMS

ACO	Administrative Contracting Officer
AD	Airworthiness Directive
AFMC	Air Force Materiel Command
AFR	Air Force Regulation
AFTO	Air Force Technical Order
AGE	Aerospace Ground Equipment
AOG	Aircraft on Ground
AOL	All Operator Letter
ARB	Aerial Refueling Boom
ASB	Alert Service Bulletin
CANN	Cannibalization
CAO	Contract Administrative Officer
CDRL	Contract Data Requirements List
CDL/MEL	Configuration Deviation List/Minimum Equipment List
CLS	Contractor Logistics Support
CFE	Contractor Furnished Equipment
CFSR	Contractor Field Service Representative
COMBS	Contractor Operated and Maintained Base Supply
CONUS	Continental United States
CSA	Configuration Status Accounting
ESS	Engineering Services Support
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulation
FAR	Federal Acquisition Regulation
FMC	Full Mission Capability
FOB	Forward Operating Base
FOD	Foreign Object Damage
FOL	Forward Operating Location
FSR	Field Service Representative (Contractor)
FY	Fiscal Year
GFE	Government Furnished Equipment
GFSE	Government Furnished Support Equipment
IAW	In Accordance With
IFR	Item Failure Report
ISP	Integrated Support Plan
JAA	Joint Aviation Administration
LRU	Line Replaceable Unit
LSC	Logistics Support Contractor

MEL	Minimum Equipment List
MOB	Main Operating Base
MTBD	Mean Time Between Demands
MTBF	Mean Time Between Failure
NLT	Not Later Than
NMC	Not Mission Capable
NMCS	Not Mission Capable Supply
O&A	Over and Above
OEM	Original Equipment Manufacturer
O&I	Organizational and Intermediate
OC-ALC	Oklahoma City Air Logistics Center
OJT	On The Job Training
OR	Operational (Mission) Reliability
PCO	Procuring Contracting Officer
PGSE	Peculiar Ground Support Equipment
R&M	Reliability and Maintainability
RARO	Remote Aerial Refueling Operator
RNLAF	Royal Netherlands Air Force
RVS	Remote Vision System
SB	Service Bulletin
SE	Support Equipment
SL	Service Letter
SOW	Statement of Work
SPM	System Program Manager
TCTO	Time Compliance Technical Order
WSLO	Weapon System Logistics Officer

TERMS

1. Acceleration - Accomplish the full peacetime work specifications, increasing production by extending the work week and/or redistributing the labor force (i.e. complete all check items as soon as possible).
2. Accessible - Applies to areas of equipment that may be inspected or worked without disassembly, other than that required by this specification.
3. Accessory - A component employed in conjunction with a major item of equipment or installed as a part of a system.
4. Administrative Contracting Officer (ACO) - The individual responsible for overall administration of the contract.

5. Aircraft Maintenance - Organizational (on aircraft) or depot (off aircraft/heavy) maintenance.

6. Bench Check - This term includes any action off-aircraft by maintenance in determining the condition status of an item and the determination of which capability, or lack of capability, to return an item removed for malfunction or an alleged malfunction, to a serviceable status.

7. Benchstock/Common Hardware - Expendable items which are not inventoried on an individual basis, but are bought in bulk when a reorder level is reached.

8. C-Check - A composite schedule of heavy maintenance tasks, performed at established calendar intervals.

9. Calibration - A comparison between two instruments, one of which is a standard of known accuracy, to detect and correlate or adjust any variation in the accuracy of the instrument being compared.

10. Cannibalization - The removal of a component from one aircraft to render another aircraft serviceable.

11. Closed Loop Supply - A supply system that does not share its parts, components, and support equipment with the commercial, or any other, supply system.

12. Component - A separate identifiable part of an end item which performs a function within the system or subsystem necessary for the proper operation of that end item.

13. Compression - Close-up with no requirement to complete routine or non-routine items. All safety-of-flight and mission essential items completed as soon as possible.

14. Consequential Damage - Component failures which result in consequential damage to aircraft or component will be investigated. The secondary damage resulting from a primary component failure will be handled as an over and above provided no other liability exists. An example of this type of damage is when a tire blows and debris passes through an engine, the tire is not an over and above, but the engine is handled by an over and above.

15. Consumable Items - Items consumed in the course of maintaining, or operating an aircraft or its systems.

16. Contractor Reliability - Contractor's ability to meet or exceed contractual goals in support of the contract.

17. Correct Discrepancies - The accomplishment of all necessary work and testing to restore the part, component, or aircraft to a serviceable status.

18. Critical Alloy, Precious and Scrap Metals -- Items of extraordinary value, or that have an environmental impact.

19. Data - All management, scientific engineering, logistics information, reports, and documentation which are required.

20. Depot Level Maintenance - Heavy maintenance such as C- or D - Checks, full paint, major modifications.

21. Depot Level Maintenance Facility - An industrial type facility established to perform accessory overhaul functions or modifications and maintenance in support of field and using organizations. This includes AFMC assigned installations and commercial contractors who are engaged in performing depot level work on weapon systems or equipment under a contract issued and managed by AFMC.

22. Disassembly - Teardown of the item or parts sufficient to permit the type and amount of inspection and work required.

23. Disturbed System - Any system of which the whole or a component part has been removed, disassembled, repaired, adjusted, modified, disconnected, or altered.

24. End Item - The final combination of end products, component parts, and/or materials which are ready for their intended use.

25. Equipment Furnishings - Government provided furnishings and equipment.

26. Enroute Support Kit - A predetermined composite of spare items within the COMBS inventory which are assembled and deployed with the aircraft for logistics support away from the Main Operating Base.

27. Exhibited - Parts and support equipment procured by the government and managed by the contractor in support of an aircraft or aircraft system.

28. Field Grade Officer - A civilian rank that is nearest in pay grade to the military rank of Major through Colonel.

29. Follow-on Contractor - Subsequent contractor to the incumbent.
30. Full Mission Capable - An aircraft which is capable of performing all peace time, deployment, and wartime missions.
31. Inspect or Check - An examination of an item to determine identity, condition, and proper installation.
32. Inventoried Spares - Repairable and expendable items which require a one-for-one exchange when requisitioned from the COMBS.
33. Logistics Support Contractor - The commercial or industrial maintenance prime contractor responsible for accomplishing the work requirements specified herein.
34. Minimum Equipment List - List of systems and subsystems used by flight crews to determine the safety of dispatching and flying aircraft without the benefit of certain systems and subsystems being fully functional.
35. Minor Corrosion - Corrosion that has not progressed to the extent of excessive corrosion and can be removed by any of the methods authorized in the applicable publications or by replacement of brackets, rivets, bolts, screws, dzuses, etc, or minor component parts which can be removed and replaced.
36. Mission Capable - Ability of a unit to effectively meet all assigned missions.
37. Modification - A change in the physical configuration or in the functional characteristics of a system or equipment.
38. Mission Support Kit - A predetermined composite of spare items within the COMBS inventory, which are assembled and deployed with the aircraft to a Forward Operating Location (FOL) for sustained operations.
39. Non-Destructive Inspection - Methods for investigating the quality, integrity, properties, and dimensions of material and components without damaging or impairing their serviceability.
40. Non-Exhibited - Any items not provided to the contractor or approved for purchase in support of the aircraft or aircraft system.
41. Not Mission Capable - An aircraft cannot fly any wartime mission. An aerospace aircraft with no wartime mission can be NMC if it cannot fly any of its assigned missions.

42. Not Mission Capable Supply - The aircraft cannot fly any of its wartime missions due to lack of parts for subsystems from the MEL. This status condition will also be reported for aircraft without a wartime mission when unable to fly any of its assigned missions.

43. On the Job Training - Formal and informal training to qualify and keep an individual qualified to complete a task, or maintain a certain level of proficiency.

44. Operational Check - A functional test of an accessory, component, or system accomplished in its installed environment to assure proper installation and operation.

45. Organizational Maintenance - Organizational level maintenance is the responsibility of and performed by a using organization on its assigned equipment. The KDC-10 organizational maintenance is isolated to pre, post and through flight.

46. Operator's Stock - Miscellaneous pieces of hardware to be available at the COMBS to install modification kits when the kits do not contain those items. Normally associated with nuts, bolts, screws, safety wire, etc.

47. Over the Counter Fill Rate - Percent of parts/components requests honored out of the total requests made at the COMBS facility.

48. Overhaul - The disassembly, cleaning, inspection, repair, rework, replacement of parts or components, re-assembly, and test of any item or accessory IAW applicable T.O.s, directives, or authorized manufacturer's publications to provide an operationally safe, serviceable, and reliable item.

49. Operational (Mission) Reliability - The probability of completing a mission without a critical failure (code 3 break), including ground and air aborts.

50. Preventive Maintenance - The daily maintenance that is performed to keep equipment in good working order.

51. Procuring Contracting Officer (PCO) - The individual authorized to enter into contracts for supplies and services on behalf of the government by formal advertising or negotiations.

52. Reinstall - The reinstallation of a part or component on an aircraft after it has been removed to facilitate inspection, repair, or for military security purposes.

53. Repair - The restoration or replacement of parts, components, or material as necessitated by wear and tear, damage, or failure of parts, or the like, in order to maintain the specific item or material in efficient operating condition.

54. Repairable - An unserviceable item that can be repaired and restored to a serviceable condition.

55. Replace - The replacement of items that are determined by the Government to be beyond economical repair.

56. Routine Items - All specified inspections, maintenance, and those tasks requiring removal of components to gain access for the purpose of inspection and maintenance of the aircraft. All removals/re-installations to gain access for the purpose of performing the scheduled inspection and maintenance requirements shall be charged routine. Suspected defects not verified will be processed as a routine task.

57. Safety-of-Flight - When a failure or malfunction would present a hazardous condition to equipment or personnel during pre-flight, in-flight, or post-flight operations.

58. Service Actions - Service Action is a generic term for documents related to the DC-10/KC-10/KDC-10 systems which may result in changes to the existing KDC-10 system configuration. USAF Service Action Review Board approval for incorporation of the service action may result in a TCTO or a contract change to incorporate an additional maintenance action being issued. A breakdown of the different types of service actions is as follows:

58.1 Airworthiness Directive (AD) - An AD is issued to all concerned agencies by the Federal Aviation Administration (FAA) in response to a safety-of-flight problem occurring in-service for a specific type of aircraft. It is a mandatory directive for commercial aircraft which specifies the conditions and limitations, if any, under which the aircraft type may continue to be operated. The AD carries a compliance date plus flight hours and/or cycles that must be complied with to maintain the FAA Airworthiness Certificate (AC).

58.2 Service Bulletin (SB) - A SB, either Douglas Aircraft Co or vendor, is a formal announcement of a Delivered Product Change to the DC-10/KC-10/KDC-10 that describes the requirements (parts, drawings, retrofit kits, etc) and provides the instructions needed to accomplish the change. A Delivered Product Change is defined as a proposed or recommended change for one or more delivered configurations of products. The SB describes the customer responsibilities for procuring the kits/parts and for accomplishing the change. All SBs are approved by the FAA.

58.3 Alert Service Bulletin (ASB) - An ASB pertains to a Delivered Product Change which strongly recommends urgent compliance by the customer. Initial publication may be by Telex followed by publication on blue-colored SB forms. The ASB number is prefixed with "A" and may be followed by a standard service bulletin when additional information is required. The standard service bulletin will carry the same number as the ASB, but without the prefix.

58.4 All Operators Letter (AOL) - All AOL (or Telex) transmits information to operators concerning a specific model of aircraft. The AOL may serve as advance communication of a forthcoming SB, an incident advisory, or a recommendation for an inspection or similar activity that does not involve hardware rework on the aircraft. It is approved by Douglas Engineering for technical accuracy.

58.5 Service Letter (SL) - A KDC-10 Service Letter transmits information to the Air Force of a design change which may have an impact on the customer fleet/equipment. A KDC-10 SL is used for changes that are of a minor nature, (e.g., direct removal and replacement of a part(s), describes the requirements instructions.

59. Serviceable - Capable of meeting the requirement and performing the function for which designed or modified, and meets all test requirements established by the work specification.

60. Subcomponent and Subassembly - Less than a component, identifiable and easily removed, consisting of more than one bit and piece.

61. Support Equipment - KDC-10 Peculiar Support Equipment which is maintained and controlled by the COMBS for use by the MOB and maintenance activities.

62. System Program Manager (SPM) - An ALC activity designated to perform worldwide logistics support and management for a weapon system.

63. Technical Order (T.O.) - An official Air Force Publication that prescribes procedures for operating and maintaining Air Force system/equipment.

64. Time Compliance Technical Order (TCTO) - An action requirement specified by a T.O. which sets completion of required action within a stated time period or by "as of date".

65. Touch Up - Painting or marking to provide legibility or protection against corrosion.

66. Unprogrammed Depot Level Maintenance (UDLM) - That depot level maintenance that is deemed necessary to be accomplished concurrent with any particular system downtime and which is not otherwise specified by the requirements of this specification.